**CAPSTONE PROJECT - THE BATTLE OF NEIGHBORHOODS (PART-1)**

**DATA SECTION:**

In order to resolve our business problem we need the data about elementary public school In Chicago. We found our dataset on [Kaggle](https://www.kaggle.com/chicago/chicago-public-schools-data), this dataset is hosted by the city of Chicago. The city has open data platform and they update their information according the amount of data that is brought in Explore the city of Chicago using Kaggle and all of the data sources available through the city of Chicago. This dataset has about 78 columns but we will not need all of them. Let’s remind that we need to find an elementary school with high instruction level, high teachers score and high safety score.

Among the 78 columns those we keep are:

* NAME\_OF\_SCHOOL
* Elementary, Middle, or High School
* SAFETY\_SCORE
* Instruction Score
* Teachers Score
* Latitude
* Longitude
* COMMUNITY\_AREA\_NAME
* Location
* Street Address

Along with the dataset of public school of Chicago we also need information about school dances in Chicago since our purpose is to find an elementary school with high instruction level, high teachers score and high safety score next to a school dance. To find the data we will be looking for them on Foursquare.